

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	95438	"369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 09:57
S10	95	S9 and S3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 09:58
S9	4942	deform\$4 near2 mirror	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 09:58
S7	564	((deform\$4 or variable) near2 mirror).ti.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 09:58
S11	1	("2007/0097836").URPN.	USPAT	OR	ON	2009/06/05 10:01
S13	271	S7 and (S3 or S12)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 10:02
S12	130900	"359".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 10:02
S18	25	S13 and S17	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 10:15
S17	346	((deform\$4 or variable) near2 mirror) same (magnet \$7 or ferromagnet\$7 or ((hard or permanent\$4) near2 magnet\$7))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 10:15
S23	44	359/199.3.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 10:27
S22	533	359/846.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 10:27
S20	1001	359/224.1.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 10:27

S19	266	369/112.29.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 10:27
S25	46	S17 and S24	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 10:28
S24	1754	(S19 or S20 or S22 or S23)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 10:28
S26	2	("5719846"   "6418108"). PN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 10:35
S36	13	S35 and S24	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 10:47
S35	168	((deform\$4 or variable) near2 reflect\$4) same (magnet\$7 or ferromagnet \$7 or ((hard or permanent \$4) near2 magnet\$7))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 10:47
S43	96	S42 and (S3 or S12)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 14:26
S42	130	((deform\$4 or variable) near2 mirror) near5 (magnet \$7 or ferromagnet\$7 or ((hard or permanent\$4) near2 magnet\$7))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 14:26
S47	96	S43 and (S3 or S12)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 14:27
S45	41	((deform\$4 or variable) near2 mirror) near10 (ferromagnet\$7) same ((hard or permanent\$4) near2 magnet\$7)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 14:27
S48	38	S45 and (S3 or S12)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 14:28
S49	9	("2002/0101646").URPN.	USPAT	OR	ON	2009/06/05 15:30
S52	10	S51 and S3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 17:11
S51	17	((deform\$4 or variable) near2 mirror) and (object\$4 near2 lens near2 actuat\$5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 17:11

S54	19	S53 and S3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 17:13
S53	48	((deform\$4 or variable) near2 mirror) and ((object \$4 near2 lens) near10 (((focus\$4 or track\$4) near2 (coil or actuat\$5)) or actuat\$4))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 17:13
S55	27	("4001635"   "4119368"   "5202875"   "5408453"). PN. OR ("5719846"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 17:18
S58	10	S56 and (S3 or S12)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 17:24
S56	35	((fold\$4) near2 reflect\$4) same (magnet\$7 or ferromagnet\$7 or ((hard or permanent\$4) near2 magnet \$7))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/05 17:24
S59	1	10/561926	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/18 13:32
S60	998	(planar or flat or (((non) or "not") adj (deform\$4 or concav\$3 or convex\$4 or curv\$4 or ellip\$8))) near4 (demagnet\$6 or ("not" or non or un) adj magnet\$6))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/18 13:37
S61	15021	((deform\$4 or variable) near2 (mirror or reflect\$4))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/18 13:38
S66	1758	(S62 or S63 or S64 or S65)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/18 13:39
S65	44	359/199.3.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/18 13:39
S64	536	359/846.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/18 13:39
S63	1002	359/224.1.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/18 13:39
S62	266	369/112.29.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/18 13:39

S67	4	S60 and S66	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/18 13:40
S69	6	S68 and S66	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/18 13:41
S68	3177	(plan\$4 or flat or (((non) or "not") near2 (deform\$4 or concav\$3 or convex\$4 or curv\$4 or ellip\$8))) near7 (demagnet\$6 or (("not" or non or un) near2 magnet \$6))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/18 13:41
S71	552	S70 and S66	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/18 13:42
S70	26870	((deform\$4 or variable or fold\$4) near2 (mirror or reflect\$4))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/18 13:42
S72	15	S70 and S68	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/18 13:43
S74	3944333	(plan\$4 or flat or (((non) or "not") near2 (deform\$4 or concav\$3 or convex\$4 or curv\$4 or ellip\$8)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/18 13:44
S73	234	((deform\$4 or variable or fold\$4) near2 (mirror or reflect\$4)) near10 magnet \$7	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/18 13:44
S75	44	S73 same S74	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/18 13:45
S76	1	10/984157	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/18 13:46
S77	10	("20020041542"   "20020057359"   "5719846"   "6002661"   "6014360"   "6496466"   "6496466"   "6498330"   "6739730"   "7126900"   "7292324").PN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/18 13:50
S78	2	("5202875"   "5719846"). PN. OR ("6739730"). URP.N.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/18 13:51

S79	12	("5550680"   "5719846"   "5861979"   "6002661"   "6052229").PN. OR ("6496466").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/18 13:53
S80	3	(object\$4 near2 lens near2 actuator) near10 ((deform \$4 or variable) near2 mirror)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/16 17:44
S83	8	(object\$4 near2 actuator) with ((deform\$4 or variable) near2 mirror)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/16 17:45
S82	3	(object\$4 near2 lens near2 actuator) with ((deform\$4 or variable) near2 mirror)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/16 17:45
S81	3	(object\$4 near2 lens near2 actuator) near20 ((deform \$4 or variable) near2 mirror)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/16 17:45
S84	3	(object\$4 near2 lens near2 actuator) same ((deform\$4 or variable) near2 mirror)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/16 17:46
S85	11	(object\$4 near2 lens near2 actuator) same ((deform\$4 or variable or fold\$4) near2 (mirror or reflect\$4))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/16 17:47
S86	22	((focus\$4 or track\$4) near2 actuator) near10 ((deform \$4 or variable or fold\$4) near2 (mirror or reflect\$4))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/16 17:50
S89	16	((focus\$4 or track\$4) near2 actuator) same ((deform\$4 or variable) near2 mirror)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/16 17:52
S88	10	((focus\$4 or track\$4) near2 actuator) near20 ((deform \$4 or variable) near2 mirror)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/16 17:52
S87	8	((focus\$4 or track\$4) near2 actuator) near10 ((deform \$4 or variable) near2 mirror)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/16 17:52
S90	266	369/112.29.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/16 17:53
S91	30	((focus\$4 or track\$4 or object\$4) near2 actuator) same ((deform\$4 or variable) near4 (reflect\$5 or mirror))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/16 17:54

S92	8	S91 and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/16 17:55
S93	1	10/561926	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/17 11:46
S95	9	(US-20060187563-\$ or US-20040233553-\$ or US-20030053186-\$ or US-20020101646-\$ or US-20050030651-\$).did. or (US-6293680-\$ or US-6002661-\$ or US-6839190-\$ or US-5719846-\$).did.	US-PGPUB; USPAT	OR	ON	2009/07/17 13:06
S96	3	S95 and ((thermal near2 expansion) or (coefficient near2 thermal near2 expansion) or (coefficient near4 expansion))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/17 13:07
S97	218199	((thermal near2 expansion) or (coefficient near2 thermal near2 expansion) or (coefficient near4 expansion))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/17 13:08
S103	27	S97 near10 S102	US-PGPUB; USPAT	OR	ON	2009/07/17 13:10
S102	15485	((deform\$4 or variable or fold\$4) adj (mirror or reflect \$4))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/17 13:10
S106	567	((deform\$4 or variable or fold\$4) adj (mirror or reflect \$4)) .ti.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/17 13:14
S105	65	S102 and (S104 near10 S97)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/17 13:14
S104	346348	reflect\$4 near2 (film or layer or surface or coating)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/17 13:14
S109	16	S106 and (S104 same S97)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/17 13:15
S108	6	S106 and (S104 near20 S97)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/17 13:15
S110	62	S106 and S97	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/17 13:17

S111	3	S106 and (S104 same CTE)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/17 13:23
S115	219918	((thermal near2 expansion) or (coefficient near2 thermal near2 expansion) or "CTE" or (coefficient near4 expansion))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/19 11:48
S118	17	S115 same S116 same S117	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/19 11:49
S117	192702	reflect\$4 near2 (coat\$4 or film or layer)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/19 11:49
S116	27042	((deform\$4 or variable or fold\$4) near2 (mirror or reflect\$4))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/19 11:49
S122	525	S121 near10 S117	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/19 11:55
S121	15485	((deform\$4 or variable or fold\$4) adj (mirror or reflect \$4))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/19 11:55
S120	843	S116 near10 S117	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/19 11:55
S119	941	S116 near20 S117	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/19 11:55
S124	95753	"369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/19 11:56
S127	301	( S121 near10 S117) and (S124 or S125)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/19 11:57
S125	131735	"359".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/19 11:57
S129	169	( S128 near10 S117) and (S124 or S125)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/19 11:58
S128	11329	((deform\$4 or variable or fold\$4) adj (mirror))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/19 11:58

S130	8953936	(plural\$4 or dual or two or second) reflect\$4 near2 (coat\$4 or film or layer or surface)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/19 12:09
S131	1100	( S128 near5 S130) and (S124 or S125)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/19 12:11
L3	1	(US-20060187563-\$).did.	US-PGPUB	OR	ON	2009/07/19 13:16
L2	1	"20060187563"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/19 13:16
L1	1	"2003067969"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/19 13:16

**7/19/2009 1:18:50 PM**

**C:\Documents and Settings\lbibbins\My Documents\EAST\Workspaces\10-561926.wsp**